APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

Chances of Improving Saturated-Steam Cycles of Nuclear Power Plants with Low Cooling Temperatures, by F. W. Eckhardt, H. Uschwa. GERMAN, per, Kerntechnik, Vol IV, No 4, Apr 1962, pp 137-140.

AEC

Sci
Mar 64

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

Eckhardt, H.
HOECHST CHLOROPARAFFINS FOR COATINGS.
15 Feb 61.
Order from TTIS $9.00 TTIS-2166

Trans. of Fette Seifen Anstrichmittel (West Germany) 1959, v. 61, Nov., p. 1127-1129.

(Materials--Finishes, TT, v. 5, no. 8)

61-12846

1. Coatings--Materials
2. Methanes--Applications
3. Title: Hoechst paraffins
I. Eckhardt, H.
II. TTIS-2166
III. Translation and Technical Information Services (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

Spectral Investigations in the Wavelength Region Around 1 mm. VI. Design of a Pulsed Mass Radiator and Its Characteristics as a Spectroscopic Radiation Source, by Wilfried Bakhardt, 25 pp.

GERMAN, per, Zeitschrift fuer Physik, Vol CLX, 1960, pp 121-143.

CIA/FTD XX-1317
NO FOREIGN DISSEM

Sci
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USAF INTERNAL USE ONLY

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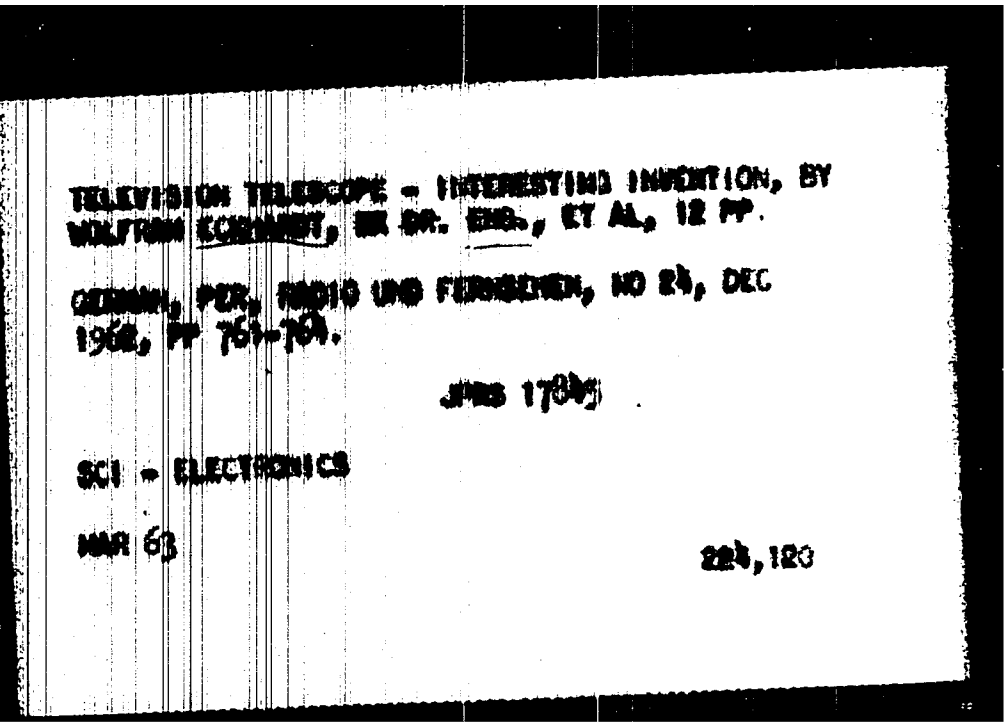
APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3



TELEVISION TELESCOPE - INTERESTING INVENTION, BY WOLFRAM ECKERT, ER DR. ING., ET AL, 12 PP.

GERMAN, FER. RADIO UND FERNSEHEN, NO 24, DEC 1962, PP 761-764.

JPRS 17845

SCI - ELECTRONICS

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APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

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Instructions on Blowing and Hollow Bodies, by W. A. Eckhardte.

GERMAN, per, Kunststoff-Rundschau, Vol II, No 9, Sep 1955, pp 317-321.

ASLIB-GB39

Sci

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APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

Basis of Development for Crane Bridges, by
KARL Eckinger. UNCLASSIFIED
Vol LXXVII,
GERMAN, per, Stahl u Eisen, 10 Jan 1957, p 15-23
~~Iron and Steel Inst~~
~~Gr Op Tr Exh~~ S
~~Tr 922~~
SLA 61-1943
Scl - Engr
Aug 58
British Iron and Steel
Inst Tr 922
(L 5)
68,855

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

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Local Leukocyte Reaction With Intraperitoneal Infection of Mice With E. Coli., by B. ~~EKKIN~~ Eckian, H. Meier, 5 pp.

GERMAN, Per, Experientia, Vol XVI, No 3, 1960, pp 112-113.

SLA 60-1664

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APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

Provocation of a Local Leukocyte Reaction by Bacteria and Bacterial Products and the Influence on It of Lipopolysaccharides, by B. Ecklin, 18 pp.

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NIH 5-38-61
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APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

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The Effect of Hydrocortisone on Local Leukocyte Accumulation Due to Infection, by R. Meier, B. Ecklin, 7 pp.

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NIH Tr 9-37-60

Sci - Med

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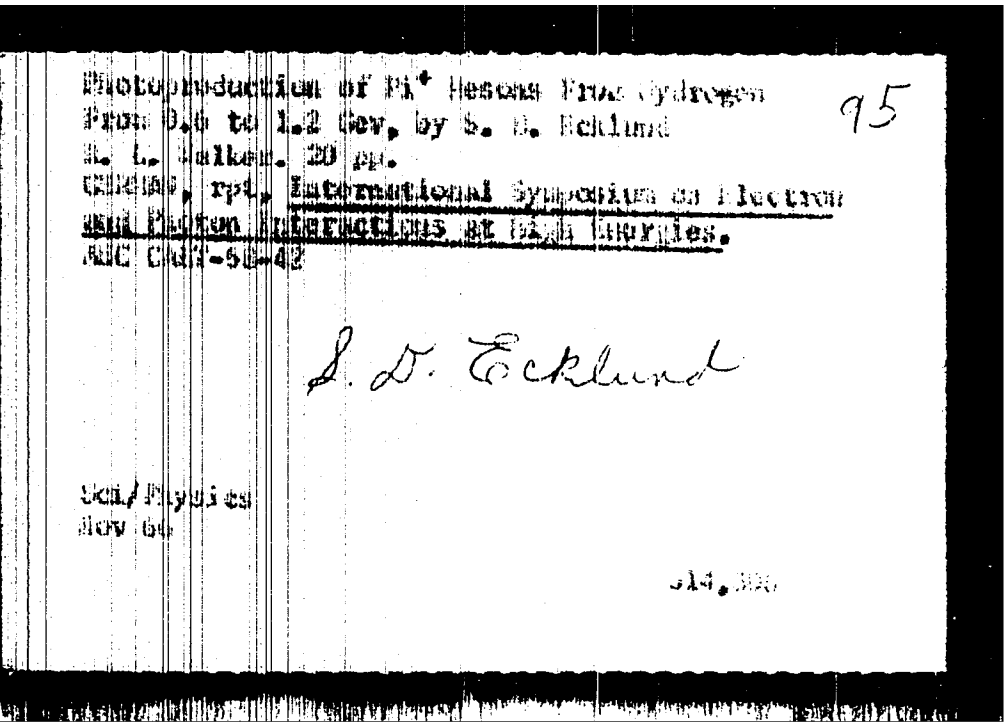
APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3



Photoproduction of π^+ Mesons From Hydrogen
From 0.6 to 1.2 Bev, by S. D. Ecklund
W. L. Talbert. 20 pp.
Contrib. rpt. International Symposium on Electron and Photon Interactions at High Energies.
AEC Cont-56-42

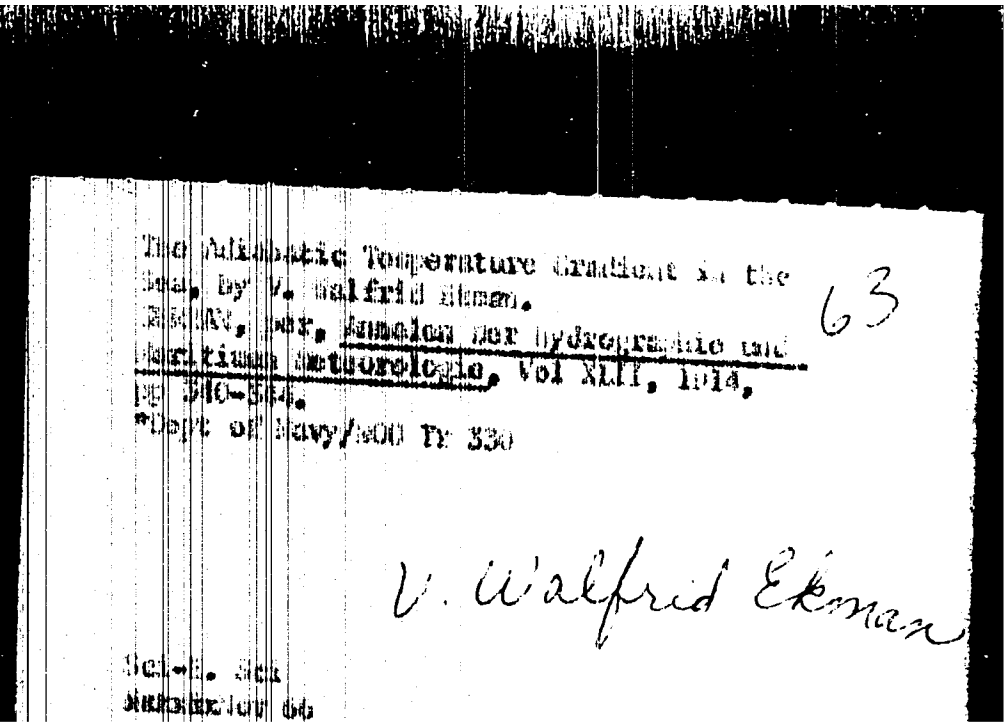
95

S. D. Ecklund

Sci/Physics
Nov 64

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3



The Adiabatic Temperature Gradient in the Sea, by V. Walfrid Ekman.
Ann. der Hydrographie und Maritimen Meteorologie, Vol XLII, 1914, pp 340-344.
Dept of Navy/code Pr 330

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V. Walfrid Ekman

Sci-tech Sec
Accession No

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APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

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Contribution to the Study of the Trematode Family Bucephalidae, Part 2, by F. Eckmann. GERMANY, per, Zeit fur Parasitkunde, Vol 5, No 1, 1932, pp 99-102.
WLL Ref: 9382.15 (1429)

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Relationships Between Gas Chromatographic Retentions and Infrared Spectroscopic Frequency Shifts. Polarity Scales, by W. Ecknig, H. Kriegsmann.
GERMAN, per, Deutsche Bungsengesellschaft fur Physikalische Chemie, Berichte, Vol 71, No 6, 1967, pp 587-595.
NTC 69-10844-07D

W Ecknig

Sci-Chem

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

Report on My Activities in the Soviet Union From Oct 1946 to May 1951, by Dr Hans Eckoldt, (Investigation on the Possibility of Utilizing Nitroalcohols and Their Derivatives as Components for Rocket Propellants), 27 pp.

GERMAN, report, 15 Jan 1953. CIA 568465

Sci - Rocket Propellants

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APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

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The Structure of the Products of Sulphoxidation of n Dodecane, by Friedrich Asinger, Gerhard Geisseler, Hans Eckoldt, 16 pp.

GERMAN, per, Chem Ber, Vol LXXXIX, 1956, pp 1037-1043.

AEC MP 164

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A Model of the Defects of the Vitreous State, by B. Eckstein, 16 p.
GERMAN, per, Glastechnische Berichte, Vol 36, No 8, 1963, pp 323-326.
SLA TT-66-10662

B. Eckstein

Sci-NRM
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APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

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The Description of Glass States by Fictive Temperature, by B. Eckstein, 25 p. GERMAN, per, Glastechnische Berichte, Vol 36, No 9, 1963, pp 371-376.
SLA TT-66-10663

B Eckstein

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The Evaluation of Testing Methods for Non-Metallic Inclusions in Carbon Steel - Ch 22, by H. J. Eckstein, K. Schneider.

GERMAN, per, Neue Hutte, Vol V, Oct 1960, pp 607-617.

DISI 2057

Sci - Min/Met

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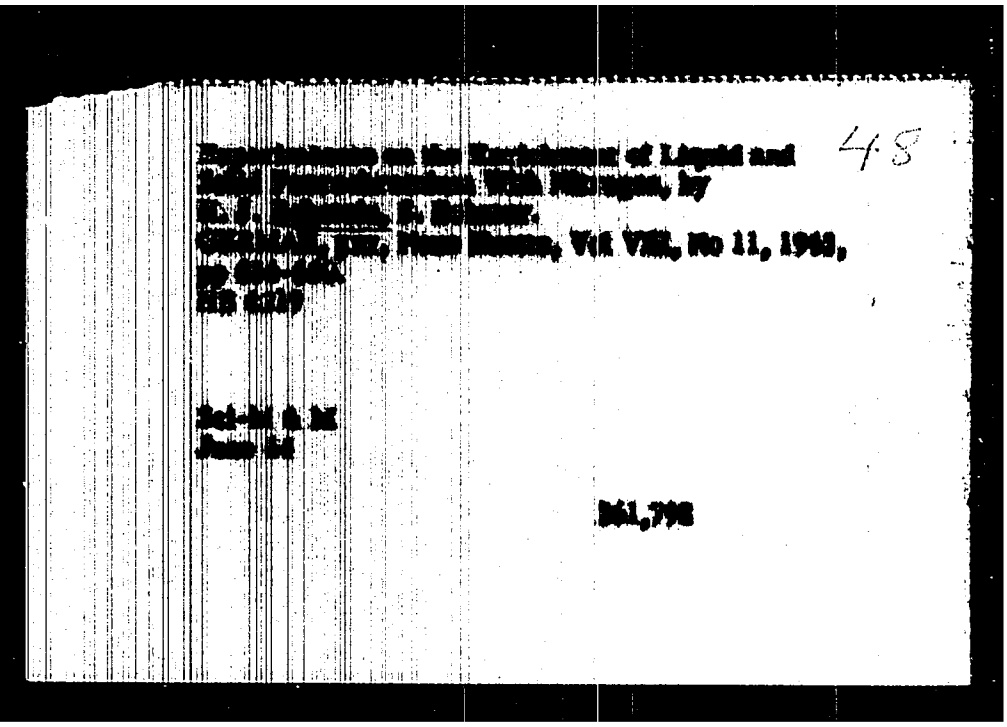

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[redacted], Vol VIII, No 11, 1963,
[redacted]

[redacted]

[redacted]

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

Manufacture, Properties and Applications of Semi-Killed Steel, by K. Fellcht, H. J. Eckmann

GERMAN, per, Neue Hutte, Vol V, Oct 1960, pp 590-596.

BISI 2274

Sci - Min/Met

Jul 61

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APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

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Contribution to the Problem of Carbide Banding in Anti-Friction Bearing Steel, by E. J. Eckstein. UESCL

GERMAN, per, Neue Huette, No 5, 1959, pp 304-311.

BISI 1712

(14. Ce.Cd.)

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Sci - Min/Met
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APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

The Production of Steel by Mixing and Reduction-Alloying Processes, by H. J. Eckstein. USCL

GERMAN, per, Neue Hutte, No 4, 1959, pp 250-252.

Henry Brutcher 4620

USSR
Econ
Sep 59

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APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

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Suitability of Tests for Non-Metallic Inclusion using Microscopic Methods of Evaluation, by H. J. Eckstein.
GERMAN, per, Neue Hute, Vol 8, N. 12, 1963,
pp 6-751
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H. J. ECKSTEIN

Sci -
Jul 67 334,533

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Deposition Chamber for Epitaxial Growth,
by Juraj Eckstein, Pavel Polivka, 6 pp.
CZECH, per, Ceskoslovensky Casopis Pro
Fysiku, Vol 15, No 6, 1965, pp 531-534.
P10011968-V
FTD-HT-67-125

Sci-Physics
July 68

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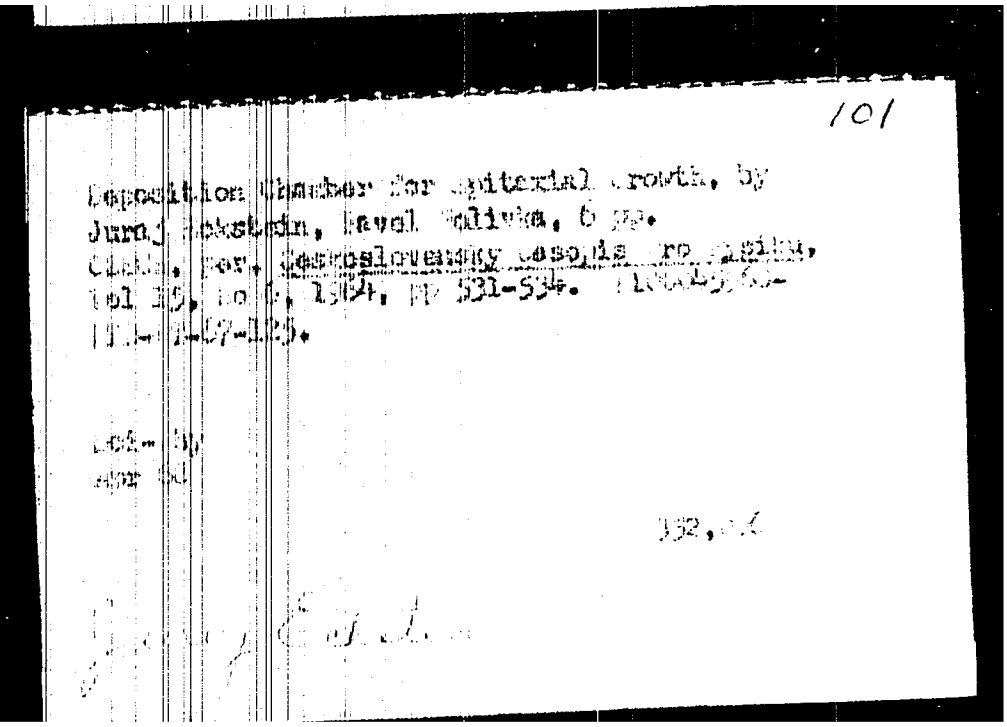

101

Deposition Chamber for epitaxial growth, by
Jan[illegible], Karel Kulvik, 6 pp.
Ceskosl. fys. časopis pro vědu, Vol 13, No 6, 1963, pp 531-534. [illegible]
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[illegible]

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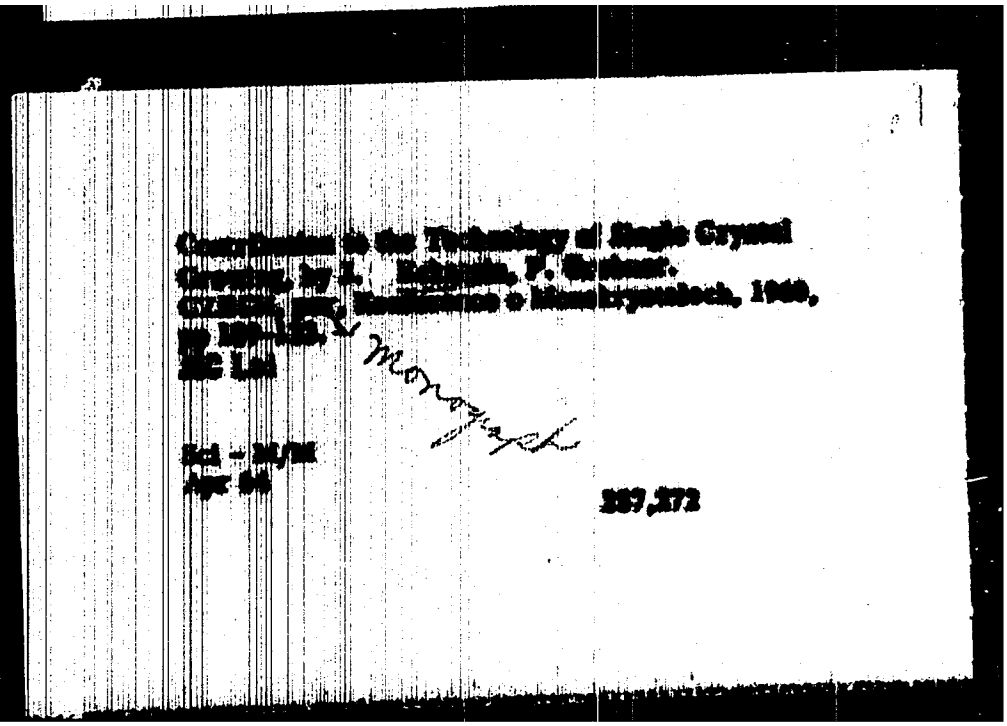

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

Eckstein, J. and Grobner, P.
CONTRIBUTION TO THE TECHNOLOGY OF SINGLE CRYSTAL GROWING. [1963].
Order from SIC $25.00

Trans. of mono. Konference o Monokrystalech (Conference on Single Crystals) (no. 3) Prague, 1960. [Proceedings] p. 109-123.

DESCRIPTORS: *Furnaces, *Single crystals, *Crystal growth, Refractory materials, Temperature control.

A unit with an improved low-porosity refractory material, a high rate of heat transfer, a special corrosion-resistant lining and accurate temperature control is described. (SIC abstract)

(Physics--Solid State, TT, v. 11, no. 1)

TT-63-22245

I. Eckstein, J.
II. Grobner, P.
III. Title: Conference . . .
IV. Scientific Information Consultants Ltd. (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

A Process for the Production of Methyl Esters of Chloro- and Bromo-Acyloxyalkane Carboxylic Acids, by Z. Eckstein.
POLISH, Patent 47, 954, Appl 21 Feb 1962,
TTIS NS 238

Jan 67 318,655

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

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On the Birnbaum-Simonini Reaction of Phenoxyacetic Acid Derivatives, by Z. Eckstein, J. Mikulski, et al, 6 pp.

POLISH, per, Roczniki Chemii, Vol XXXIII, No 1, 1959, pp 63-68.

AEC-tr-4292
Pl-480

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(NT-4853).

The Trends of Development of Research and Application of Chemical Plant Protection Agents in China, by Z. Eckstein, 17 pp.

POLISH, per, Przemysl Chemiczny, Vol XXXIX, No 4, 1960, pp 205-210.

JPRS 5796

[redacted]
FE - China
Sci - Chem
4 Nov 60

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APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

Eckstein, Zygmunt.
ON THE POSSIBLE USE OF NITROPARAFFINS FOR THE SYNTHESIS OF CHEMICAL PLANT-PROTECTING AGENTS (O Mozliwosciach Praktycznego Wykorzystania Nitroparafin do Syntezy Chemicznych Srodkow Ochrony Roslin). [1963] [20p] (foreign text included) 52refs
Order from SLA $1.60 63-20242

Trans. of Przemysl Chemiczny (Poland) 1958, v. [14]37, p. 630-634.

DESCRIPTORS: *Herbicides, *Fungicides, *Alcohols, *Nitro radicals, Synthesis (Chemistry), Molecular structure.

On the basis of the literature and experiments the ps possibility of utilizing nitroparaffins in the synthesis of plant and crop protection agents is discussed. A
(Agriculture, TT, v. 10, no. 12) (over)

63-20242

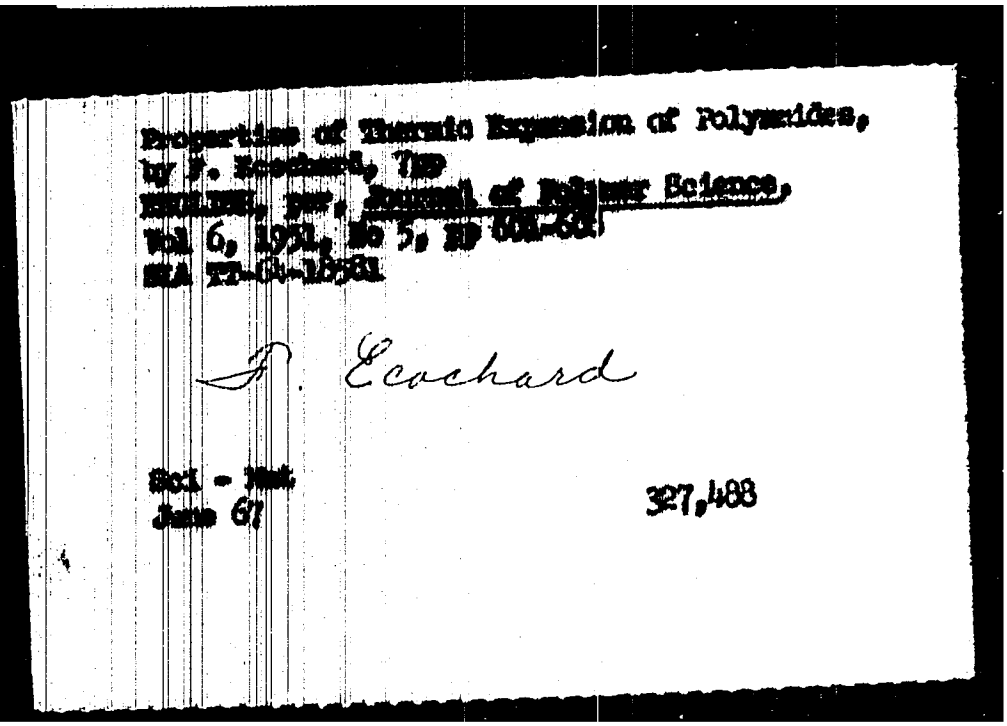
1. Title: Nitroparaffins
I. Eckstein, Z.

61 [illegible]

Office of Technical Services

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3



Properties of Thermic Expansion of Polyamides,
by F. Ecochard, Tep
[illegible], Fr, Journal of Polymer Science,
Vol 6, 1968, No 5, pp 1331-33
MLA Tr-68-18581

F. Ecochard

Sci - Tech
June 69

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A Study of the Venus Plexus in the Long Bones of the Rabbit, by D. Ecoiffier. FRENCH, per, Rev. Chir Ortho, Vol 43, No 1, 1910, pp 188-190.
[illegible] NIH 2-41-66 (On Loan)
CFSTI -TT-66-10861

WE-France
Ski/BEH
Apr 66

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Electromagnetic Signal of Underground Explosions, by J. Ecollan, Y. Rocard, 4 pp. FRENCH, per. Compt Rend, Vol 256, 1963, pp 237-239.
AEC SC-T-65-733

Ecollan

Sci/Nuclear Sci
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APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

Investigations into High-strength
Weldable Structure Steels," by
M. Economopoulos; T. Greday.
FRENCH, per, C.N.R.M., No 1, Oct 1964.
pp 45-63.
BISI 4001

WE-France
Sci/Tech
May 65

278,304

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

Economopoulos, M., Greday, T., and Habraken, L.
SOME ASPECTS OF THE BAINITE STRUCTURE IN CARBON STEELS OF VARIABLE MANGANESE AND MOLYBDENUM CONTENT. [1963] [31p] 12refs
Order from SLA $3.60 63-20572

Trans. of Revue de Métallurgie. Mémoires Scientifiques (France) 1963, v. 60, no. 1, p. 11-22.

DESCRIPTORS: *Steel, *Molybdenum alloys, *Manganese alloys, Carbon alloys, *Microstructure, *Bainite, Cooling, Austenite, Grain structures (Metallurgy), Transformations.

With the combination of dilatometry, thermal analysis, and electron metallography, demarcation was made of the bainitic domains in steels with 0.2% C, containing either 1.3 to 1.9% Mn, or 0.03 to 1.5% Mo. The TTT curves thus obtained are valuable when the steel is
(Metallurgy--Ferrous Metals, TT, v. 10, no. 12)(over)

63-20572

I. Economopoulos, M.
II. Greday, T.
III. Habraken, L.

6[illegible]

Office of Technical Services

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

Economopoulos, M. and Greday, T.
INFLUENCE OF THE MANGANESE CONTENT ON THE CONTINUOUS COOLING TRANSFORMATION DIAGRAM OF STRUCTURAL STEEL WITH 2% CARBON CONTENT. 28 Jan 63 [39]p. 15 refs.
Order from SLA $3.60 63-10940

Trans. of Revue Universelle des Mines (France) 1962 [v. 105] ser. 9, v. 18, no. 9, p. 559-577.

DESCRIPTORS: *Steel, *Manganese alloys, Carbon alloys, Castings, Cooling, Transformations, *Microstructure, Austenite, Bainite, Martenite, Mechanical properties.

(Metallurgy--Ferrous Metals, TT, v. 10, no. 3)

63-10940

1. Title: Killed steel
I. Economopoulos, M.
II. Greday, T.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

[redacted]

[redacted] Reactions of Monomolecular Layers of Unsaturated Fatty Acids, by Keiichi Eda. UNCLASSIFIED

[redacted], Nippon Kagaku Zasshi, Vol [redacted], [redacted] 1952, pp 259-263.

[redacted]

Def - Chemistry

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1/3, 849

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The Hungarian Engineering Industry Serves Technical Progress, by Zodor Ede, 6 pp.

RUSSIAN, per, Stanki i Instrument, Vol [illegible]
No 11, 1960, pp 5-8.

FDRA

Sci

May 61

152, 342

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301920019-3

Imidazole Derivatives. XIII. Bromination of 1,2-Naphthimidazole, by L. S. Efros, L. N. Kononova, Ya. Edsd, 3 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV, No 3, USSR, Mar 1954, pp 488-490. CIA D 151317

Consultants Bureau

Scientific - Chemistry CTS 68/May 55

23,815

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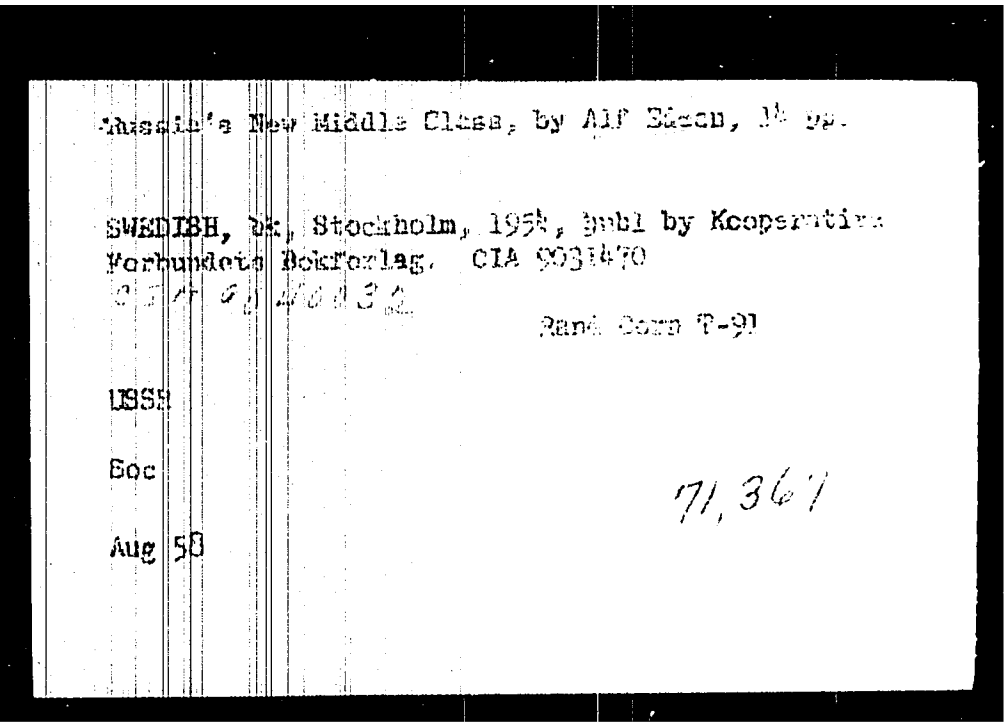

Russia's New Middle Class, by Alf Ekeen, 14 pp.

SWEDISH, pr, Stockholm, 1958, publ by Kooperativa Forbundets Bokforlag. CIA 6031470

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USSR

Soc

Aug 58

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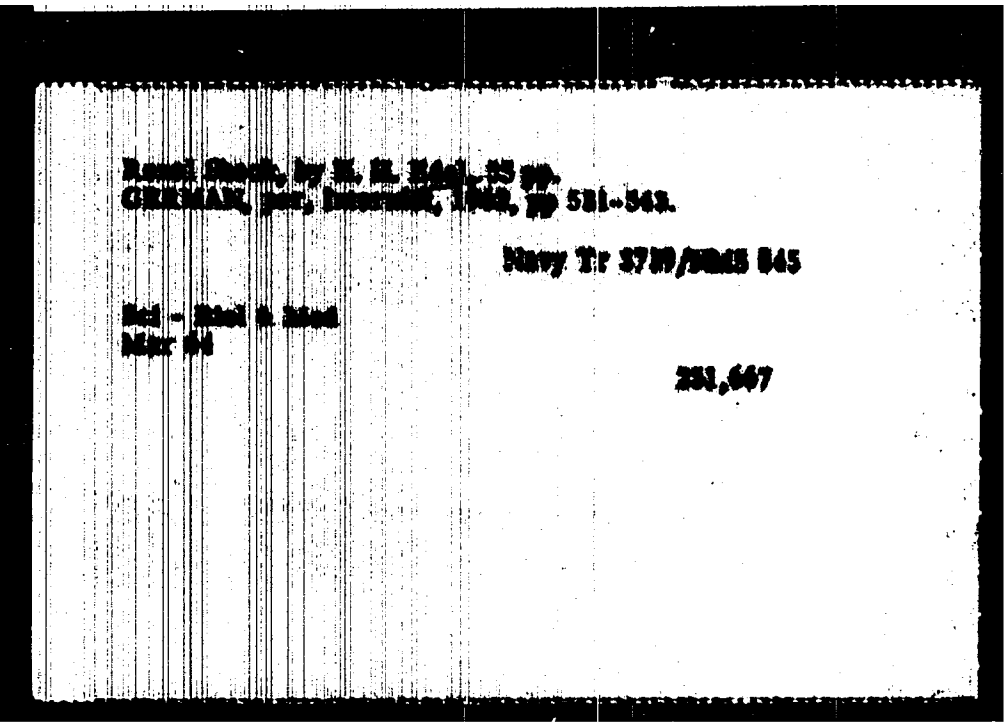

[redacted] pp. 531-543.

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On the Endocrinology of the Distal Nephron. First Report. Clinical Differentiation and Measurement of Phases I, II and III of the Concentration of Urine, by E. Buchborn, H. Edel, S. Anastasakis, 28 pp.

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REFINING OF PETROLEUM WITH LIQUID SULFUR DIOXIDE. [1962] 23 p. (figs. refs. omitted).
Order from SLA $2.60 63-10469

Trans. of Angew[andte] Chem[ie] (Germany) 1923, v. 36, 26 Nov. p. 575-584.

DESCRIPTORS: *Petroleum, Hydrocarbons, Liquids, *Sulfur compounds, *Dioxides, Decomposition, Experimental data.

(Engineering--Chemical, TT, v. 9, no. 12)

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AD 40173

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Flocculation of Slurry-Containing Water in Collieries, by E. Leclerc, F. Edeline, R. Van Achter.

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Order from SLA $2.60 63-18550

Trans. of V[erein] D[eutscher] I[ngenieur]. Z[eitschrift]. Beiheft Verfahrenstechnik (Germany) 1942, no. 2, p. 49-56.

DESCRIPTORS: *Driers (Apparatus), Atomization, *Powders, Chemical Industry

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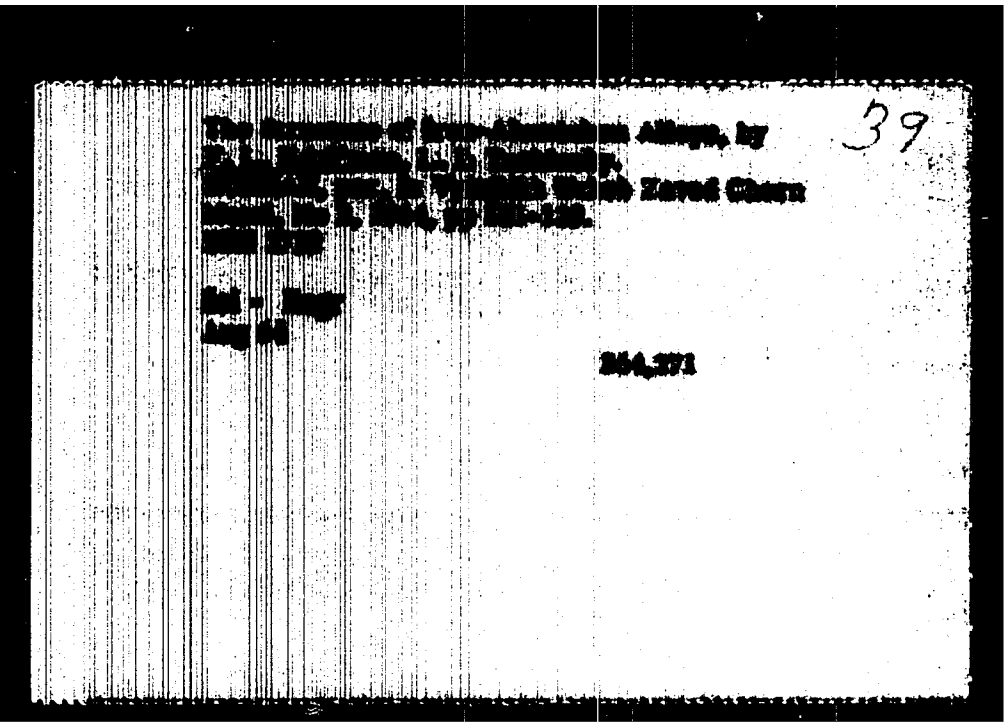

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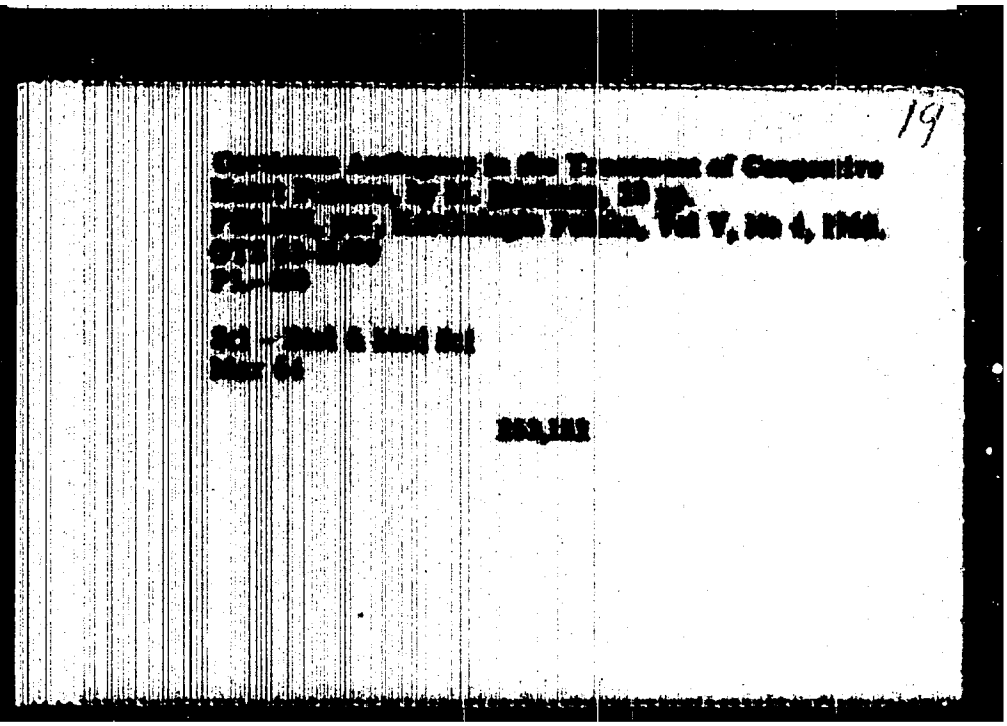

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The Use of Slit Strip in Killed and Rimming Steel Quality for the Manufacture of Longitudinal Seam Welded Tubes, by K. Edelmann.

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Edelmann, Kurt.
THE FLOW CHARACTERISTICS OF BRANCHED MACROMOLECULES. [1961] 24p. 16 refs.
Order from SLA $2.60 61-16542

Trans. of Faserforschung und Textiltechnik (Germany) 1960, v. 11 [no. 3] p. 107-113.

DESCRIPTORS: Organic solvents, *Styrenes, *Polymers, Molecular weight, Solutions, Acrylonitriles, *Textiles, Molecular structure.

We show first of all, with reference to a polystyrene, that the inclination of the flex point line is not influenced by the solvent while the state of solution remains constant. This inclination, as a deviation from the horizontal position observed in the case of linear macromolecules, can only be interpreted as a deviation from linear structure. We then demonstrate with the use of linear polyacrylonitrile and differently branched poly-
(Materials--Textiles, TT, v. 6, no. 6) (over)

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The Rheology of Solutions of High Polymers, Part 3, Structural Viscosity Measurements on Solutions of Polymers For Synthetic Fibers, by Kurt Edelmann, 17 pp.

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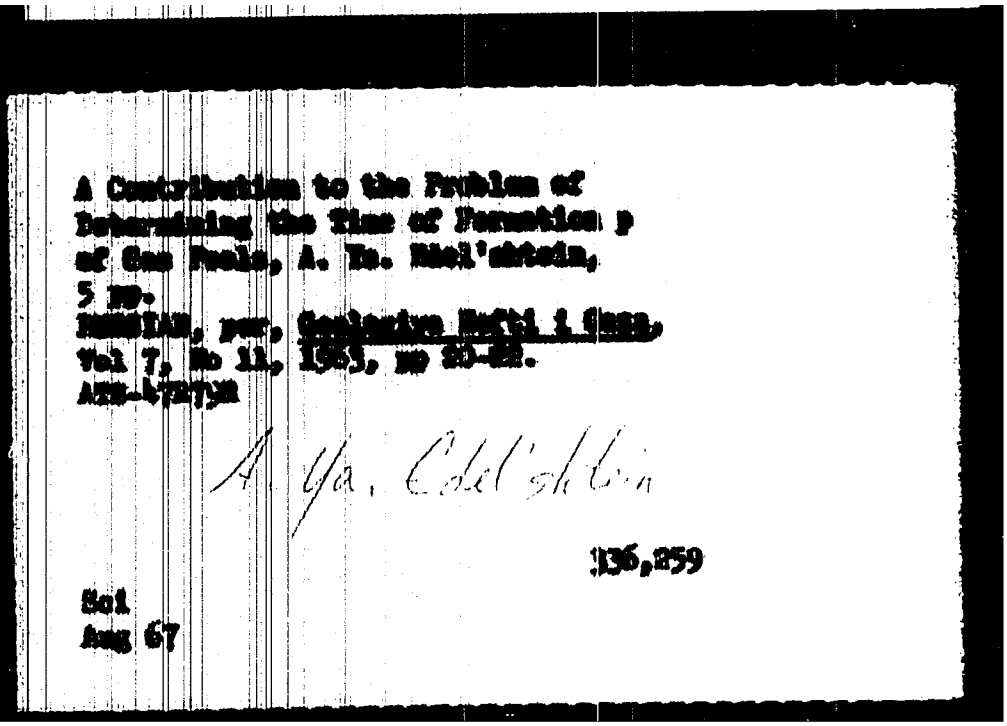

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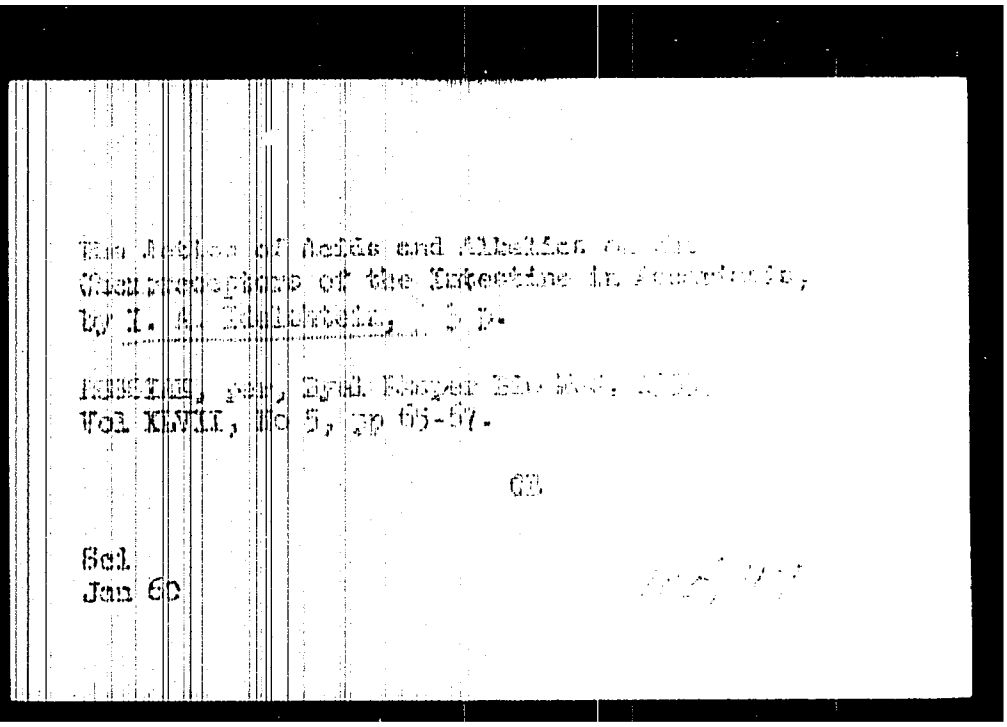

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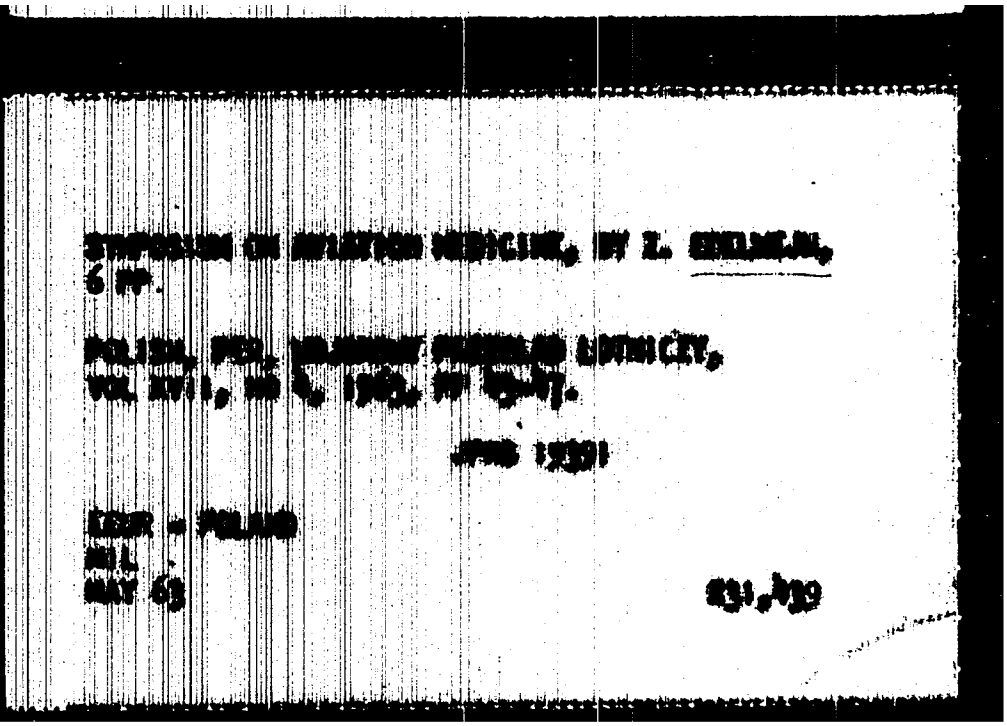

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